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 Discover mining's history at Arizona Mining and Mineral Museum\* Jan 43  
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 Residual impacts of a mining project\* Oct 19  
 Resolution Copper: A showcase for the Rio Tinto philosophy\* Aug 33  
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Caterpillar joins shovel market\* Aug 27  
Caterpillar sees signs of a rebound Jun 12  
Caterpillar to acquire Bucyrus Dec 12  
Caterpillar to join FutureGen Alliance Mar 16  
Joy Global, Caterpillar see increase in orders Jul 13  
Rio Tinto inks deal with Caterpillar Nov 45

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All 33 miners rescued; Multinational effort frees miners after 69 days\* Dec 27  
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Codelco plans \$15 billion expansion Jul 12  
Drilling challenges of Latin America met with advanced coring bit technology\* Mar 24  
Mining royalty hike could get boost in Chile Oct 8  
Mining tax agreement reached in Chile Nov 16  
Sandvik to supply equipment to Barrick's Pascua-Lama Mine Mar 16

## **Chilean mine rescue**

33 miners found alive after 17 days Sep 12  
Chilean miners rescued Nov 12

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China and Australia resume trade talks Apr 13  
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China to focus on domestic mining Dec 22  
Chinese look to the sea floor for minerals Oct 16  
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Iron ore review 2009/2010\* Oct 24  
Komatsu's sales to China to rise by 50 percent Apr 13  
Rare earths deposits listed as most important by USGS Mar 14  
Rare earths supply shortage Nov 11  
South Africa slips to fourth in world gold production Apr 14  
State-run Chinese miner to buy iron ore mine in Brazil Jul 26  
U.S. Department of Defense weighs in on rare earths May 19

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Cliffs could launch hostile bid for North America's first chromite mine Jul 23

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U.S. Department of Energy announces \$3 billion in funding for carbon capture Feb 8

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EPA withdraws Peabody mine permit in Arizona Jan 23

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Cliffs could launch hostile bid for North America's first chromite mine Jul 23  
Pinnacle Mine in West Virginia to receive first modern automated plow system in the US Sep 56

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Army Corps suspends permits for surface mining Jul 24  
Benefits of building an efficient mine planning process\* Sep 39  
Breaking the ice on the booster fan dilemma in US underground coal mines\* Oct 47  
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Coal production in the United States fell by 8.5 percent May 4  
Coal talks heat up in US, Australia Oct 16  
Congressional Coal Caucus formed by bipartisan group of senators Mar 6  
Continuous miner spray considerations for optimizing scrubber performance in exhaust ventilation systems\* Oct 41  
Department of Labor documents decrease in nonfatal injuries in mining industry Jan 8  
Effect of longwall face advance on spontaneous heating in longwall gob area\* Mar 34  
EPA accused of holding up coal permits Jul 22  
EPA asked to withdraw rules regarding surface mining in Appalachia Jul 10

EPA takes steps to halt coal mine that already has federal permit May 10  
Investigation into dust exposures and mining practices in mines in the Southern Appalachian Region\* Feb 44

Mine inspections ordered following deadly explosion May 12

Mining executives say coal demand is rebounding Jan 10

Navajo Mine permit suspended Dec 10  
New coal mine in Illinois Dec 14

New coal mine opens in Ohio Nov 16

NMA file suit against EPA and Army Corps over Appalachian coal permits Sep 8

NMA president address Congressional Coal Caucus roundtable Jul 10

Opencut coal mining; History and future of highwall mining\* Dec 31

Peabody Energy walks a dragline Oct 14

Pinnacle Mine in West Virginia to receive first modern automated plow system in the US Sep 56

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U.S. Forest Service reviews mine request to build on roadless rule area in Colorado Apr 12

Upper Big Branch Mine explosion kills 29 May 12

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Coal industry responds to comments from Sen. Byrd\* Jan 14

Coal mine receives state approval\* Nov 44

Designing and modeling mesh communications in underground coal mines\* Jun 16

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14 western mines earn roadless rule exemptions Jun 33  
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Amendment would require mine safety reporting to SEC Jun 34  
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Idaho cobalt mine gets approval Jan 24  
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Colorado Minerals Processing Division hosts 60th annual meeting\* Jul 37  
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Moderate Senate Democrats, Sen. Murkowski oppose EPA greenhouse gas rule Mar 6  
Senator seeks two year moratorium on federal carbon dioxide regulation Apr 8



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NMA president address Congressional Coal Caucus roundtable Jul 10  
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33 miners found alive after 17 days Sep 12

ABB wins \$50 million order in Peru May 16

Bingham Canyon extension could extend life of mine to mid-2030's by moving south wall Oct 10

Chinalco's Toromocho inks contracts with Outotec, FLSmidth Jan 22

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Design, installation and operation of Pinto Valley moly flotation columns\* Sep 43

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Morenci Mine ramps up production Jun 12

Nevada slips in global gold output Oct 13

Newmont picks Metso in Peru Jan 14

Olympic history to be made with medals provided by Teck Resources Jan 30

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Prosperity Mine halted Jan 10

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Significant increase in resources at Pebble Project announced Mar 8

Slurry pipelines for Egypt and Sudan\* Mar 27

Taseko Mines receives environmental approval at Prosperity Mine Mar 18

Teck announces plans to expand at Antamina Feb 17

Xstrata moves ahead with \$1.47 billion

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Xstrata threatens to end projects in Australia Jul 15

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Ottawa seeks to regulate mining's performance in foreign countries Apr 4

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EPA asked to withdraw rules regarding surface mining in Appalachia Jul 10  
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Federal government urged to clarify permitting process Feb 9  
Moderate Senate Democrats, Sen. Murkowski oppose EPA greenhouse gas rule Mar 6  
NMA file suit against EPA and Army Corps over Appalachian coal permits

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President Obama's 2011 budget could hit the mining sector hard Mar 12  
Red Dog Mine's life extended to 2031 Jul 12  
Senator seeks two year moratorium on federal carbon dioxide regulation Apr 8  
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14 ultra class Liebherr trucks headed to Powder River Basin Mar 16  
500th Cat 797 delivered Dec 24  
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Caterpillar to acquire Bucyrus Dec 12  
Caterpillar to join FutureGen Alliance Mar 16  
Haul truck fuel consumption and CO2 emission under various engine load conditions\* Dec 44  
Joy Global, Caterpillar see increase in orders Jul 13  
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Liebherr's T282 B trucks operating in Brazil\* Jan 40  
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Farallon plans second mine\* Aug 12

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Federal government urged to clarify permitting process\* Feb 9  
Federal judge allows Consol to continue operations at Fola Coal Co. operations\* Feb 8  
Federal judge issues pricey cleanup order to Patriot Coal\* Oct 8  
Federal police break up three-year strike in Mexico\* Jul 19

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First Bucyrus branded MT3700 goes into service\* Oct 15

#### **First Nations**

First Nations sign mining tax agreement with British Columbia\* Oct 8

#### **Flotation**

Design, installation and operation of Pinto Valley moly flotation columns\* Sep 43

#### **FLSmith**

Boddington gold mine's expansion project includes overland conveyor\* Nov 47  
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FLSmidth opens new technology center in Utah Nov 14

#### **Fluorspar**

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#### **National Science Foundation**

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#### **Navajo Mine**

Navajo Mine permit suspended Dec 10  
Navajo Mine permit suspended\* Dec 10

#### **Neira, M.**

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#### **Nelson, T.I.**

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#### **Nevada**

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Appeals court orders more environmental analysis at Barrick mine Jan 16  
Microwave links connect 24/7 operations for Newmont Mining\* Apr 26  
Nevada miners dodge a tax increase,



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Nevada mining tax proposal fails to get enough votes Jul 14

Nevada slips in global gold output Oct 13

Poll finds slight majority of Nevada voters favor new mining tax Jun 8

Selection, design and construction of retaining structure to support the primary crusher relocation project at Round Mountain Mine\* Jan 44

U.S. court allows Barrick to continue work at Cortez Hills May 14

New crest to expand at Cadia East\* Feb 15

#### **New Elk coal mine**

New Elk coal mine expects production in 2013 Jan 44

#### **New Gold**

First Bucyrus branded MT3700 goes into service Oct 15

#### **New Jersey Mining**

New Jersey Mining moves forward at Silver Strand May 20

#### **New media**

201 Thoughts to Ignite Innovation\* Jan 66

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Beneficiation of Phosphates: Technology Advance and Adoption Jan 66

Bucyrus Drills Aug 61

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Equipment Management: Key to Equipment Reliability and Productivity in Mining\* Jan 66

Extracting the Science: A Century of Mining Research Feb 17

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Going for Gold Aug 61

Gold Yearbook 2010 Jul 63

Hoist & Haul 2010 Oct 66

Industrial Mineral Producers of North America - 2010 Directory Apr 81

International Coal Preparation Congress: 2010 Conference Proceedings Jun 115

Platinum Group Metals Yearbook 2010 Sep 80

The Economics of Natural Graphite, 7th edition Apr 81

The Prospector's Pick, The People of the Yellowknife Gold Boom, 1936-1951 Jul 83

The Riches Beneath our Feet: How Mining Shaped Britain Aug 61

Top Mining Companies in Peru Jun 115

Ultrafine Cement in Pressure Grouting Sep 80

Wireless Communication in Underground Mines Apr 81

Wireless Communication in Underground Mines, RFID-based Sensor Networking Jun 115

#### **New Mexico**

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#### **New South Wales**

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New tunnel boring machine accelerates tunnel construction in deep mining operations\* Jul 28

New variable frequency drive introduced by Magnetek, Inc.\* Sep 57

New vein of gold discovered at Kensington Mine\* Mar 18

#### **Newcrest Mining Ltd.**

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#### **Newmont Mining Corp.**

Boddington gold mine's expansion project includes overland conveyor\* Nov 47

Boddington to hit full production by end of 2010 Jun 10

Microwave links connect 24/7 operations for Newmont Mining\* Apr 26

Newmont opens Boddington gold mine Mar 8

Newmont picks Metso in Peru Jan 14

Newmont plans to open Conga gold mine in Peru by 2015 Jul 20

Newmont's Phoenix Mine rises with the help of Hitachi shovels\* Feb 34

#### **Nickel**

Mine expansion approved Dec 20

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Poseidon plans to bring back Windarra nickel mine Nov 16

Rio Tinto to invest \$469 million in nickel mine Jul 21

#### **Nickel Rim South**

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#### **Nieto, A.**

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#### **NIOSH**

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Assessment of equipment operator's noise exposure in western underground gold and silver mines\* Mar 46

Breaking the ice on the booster fan dilemma in US underground coal mines\* Oct 47

Continuous miner spray considerations for optimizing scrubber performance in exhaust ventilation systems\* Oct 41

Designing and modeling mesh communications in underground coal mines\* Jun 16

Effect of longwall face advance on spontaneous heating in longwall gob area\* Mar 34

Evaluation of the wet head continuous miner to reduce respirable dust\* Sep 60

Impact of air velocity and support advance on shield-generated dust\* Apr 57

Investigation into dust exposures and mining practices in mines in the Southern Appalachian Region\* Feb 44

OneMine.org's content grows, as does its value to members Feb 4

Operating speed assessments of underground mining equipment\* Mar 39

Potential of roof screening to reduce

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Reducing the fire and explosion hazards of flame-cutting and welding in underground coal mines\* Jun 90

U.S. mining industry celebrates 100 years of mining research Jan 4

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#### **NMA**

Administration asks judge to dismiss challenge on mining land restrictions May 10

Coal industry responds to comments from Sen. Byrd Jan 14

Congressional Coal Caucus formed by bipartisan group of senators Mar 6

MSHA vows to make changes in light of Upper Big Branch Mine tragedy Jun 8

National Mining Association launches campaign to improve mine safety Jan 8

New carbon capture and storage task force launched by White House Apr 8

NMA file suit against EPA and Army Corps over Appalachian coal permits Sep 8

NMA president address Congressional Coal Caucus roundtable Jul 10

NMA tells Senate committee that safety is the industry's highest obligation Jun 8

Reforms would strengthen mining safety rules Aug 6

West Virginia sues Obama Nov 38

NMA file suit against EPA and Army Corps over Appalachian coal permits\* Sep 8

Coal Caucus roundtable\* Jul 10

NMA tells Senate committee that safety is the industry's highest obligation\* Jun 8

No surprise, 2009 exploration spending takes a nosedive\* Apr 4

#### **Noise exposure**

Assessment of equipment operator's noise exposure in western underground gold and silver mines\* Mar 46

#### **Norsk Hydro**

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#### **Northern Dynasty**

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#### **Nyal Niemuth**

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#### **O'Brien, T.**

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#### **Obama, Barack**

Administration asks judge to dismiss challenge on mining land restrictions May 10

Department of Energy delivers nuclear loan guarantee Apr 10

EPA asked to withdraw rules regarding

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West Virginia sues Obama Nov 38  
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#### **Offshore mining**

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#### **Ohio**

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#### **Olson, D.W.**

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#### **Olympic Dam**

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#### **OneMine.org**

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#### **Ontario**

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Ontario: A leader in Canadian mining\* Apr 15  
Stillwater Mining buys Marathon Oct 14

#### **Opencut mining**

Opencut coal mining; History and future of highwall mining\* Dec 31  
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#### **Optidrive**

Joy Global adds Optidrive to underground mining equipment Sep 58  
Optimizing flotation cells in the mining industry\* Oct 40

#### **Oregon**

A new industrial mineral sand mine near Coos Bay, Oregon\* Oct 29  
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#### **Organiscak, J.**

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#### **Ostenson, D.**

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#### **Ottawa**

Ottawa seeks to regulate mining's performance in foreign countries Apr 4  
Ottawa seeks to regulate mining's performance in foreign countries\* Apr 4

#### **Outotec**

Chinalco's Toromocho inks contracts with Outotec, FLSmidth Jan 22  
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#### **Oxbow Mining**

14 western mines earn roadless rule exemptions Jun 33  
Huesker introduces new grid for improved safety of roof and rib bolting\* Mar 26  
U.S. Forest Service reviews mine

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#### **Oyu Tolgoi**

Oyu Tolgoi copper/gold project could begin producing in 2013 Jan 12

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#### **Palacios, F.**

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#### **Palladium**

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#### **Pascua-Lama**

Sandvik to supply equipment to Barrick's Pascua-Lama Mine Mar 16

#### **Patagonia**

Andean Resources to move ahead with mine in Patagonia Feb 10

#### **Patriot Coal**

Federal judge issues pricey cleanup order to Patriot Coal Oct 8  
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#### **Peabody Energy Corp.**

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EPA withdraws Peabody mine permit in Arizona Jan 23  
Macarthur Coal rejects bid from Peabody Jun 35  
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#### **Pebble Project**

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#### **Peru**

ABB wins \$50 million order in Peru May 16  
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Copper output will increase in Peru Sep 15  
Newmont picks Metso in Peru Jan 14  
Newmont plans to open Conga gold mine in Peru by 2015 Jul 20  
Teck announces plans to expand at Antamina Feb 17  
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#### **Phagan, S.**

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#### **Phoenix**

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#### **Phoenix Mine**

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#### **Phosphate**

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#### **Pillar Innovations**

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#### **Pinches, C.**

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#### **Pinera, Sebastian**

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#### **Pinnacle Mine**

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#### **Pipelines**

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#### **Plan B**

Chilean miners rescued Nov 12  
All 33 Miners rescued; Multinational effort frees miners after 69 days Dec 27

#### **Platinum group metals**

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Stillwater plans two new projects Dec 23

#### **Plow system**

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#### **Pogo Mine**

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#### **Politics**

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#### **Politics of Mining**

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Federal judge issues pricey cleanup order to Patriot Coal Oct 8  
First Nations sign mining tax agreement with British Columbia Oct 8  
Labor Department scolds MSHA for failure to enforce oversight Nov 10  
Mine safety bill approved by house panel Sep 8  
Mining royalty hike could get boost in Chile Oct 8  
NMA file suit against EPA and Army Corps over Appalachian coal permits Sep 8  
Rare earth elements legislation introduced to U.S. Congress Aug 6  
Reforms would strengthen mining safety rules Aug 6  
South Africa sticks with target of transferring 26% of ownership Aug 6  
Poll finds more than 50 percent of Americans support energy over environment\* May 10  
Poll finds slight majority of Nevada voters favor new mining tax\* Jun 8

#### **Pollard, J.**

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#### **Pollock, D.E.**

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#### **PolyMet Mining**

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#### **Poseidon Nickel**

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Poseidon plans to bring back Windarra nickel mine\* Nov 16

#### **Potash Corp.**

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#### **Potts, J.D.**

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#### **Powder River Basin**

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#### **President's Page**

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#### **Prosperity Mine**

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#### **Quebec**

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Quebec holds top spot in Fraser Institute Survey\* May 17

#### **Quinn, Hal**

National Mining Association launches campaign to improve mine safety Jan 8  
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#### **Rahall, Nick**

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#### **RailVeyor**

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#### **Rakidjan, M.**

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#### **Ramey, M.**

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#### **Rare earths**

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Rare earth elements legislation introduced to U.S. Congress Aug 6  
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Rare earths supply shortage\* Nov 11  
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#### **Red Back Mining**

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#### **Red Dog Mine**

Red Dog Mine's life extended to 2031 Jul 12  
Red Dog Mine's life extended to 2031\* Jul 12  
Reducing the fire and explosion hazards of flame-cutting and welding in underground coal mines\* Jun 90  
Reforms would strengthen mining safety rules\* Aug 6

#### **Reliance Power Ltd.**

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Bucyrus' hopes for a \$600-million equipment deal get a second life Aug 12

#### **Renner, G.**

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#### **Resolution Copper Mine**

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#### **Resource Super Profits Tax**

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#### **Revett Minerals**

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#### **Richard Adkerson**

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#### **Rider, J.P.**

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#### **Rio Tinto**

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China and Australia resume trade talks Apr 13  
China sentences Rio Tinto employees to prison May 15  
Diavik commences underground mining May 16  
Miners strike a deal with Australian government Aug 8  
New tunnel boring machine accelerates tunnel construction in deep mining operations\* Jul 28  
Oyu Tolgoi copper/gold project could begin producing in 2013 Jan 12  
Permitting delays in U.S. focus of Wall Street Journal Apr 12  
Resolution Copper: A showcase for the Rio Tinto philosophy\* Aug 33  
Rio Tinto inks deal with Caterpillar Nov 45  
Rio Tinto to invest \$469 million in nickel mine Jul 21  
Safety in Mining; SME's role in advancing the industry's standing and role Nov 6  
Simandou iron ore project to be developed Sep 14  
Super tax proposed in Australia would hit mining hard Jun 10  
Rio Tinto to invest \$469 million in nickel mine\* Jul 21

#### **Roadless Rule**

U.S. Forest Service reviews mine request to build on roadless rule area in Colorado Apr 12  
14 western mines earn roadless rule exemptions Jun 33

#### **Robbins**

New tunnel boring machine accelerates tunnel construction in deep mining operations\* Jul 28

#### **Rock Creek Mine**

Rock Creek Mine permit nullified by district judge\* Jun 14

#### **Rockefeller, J.**

Coal industry responds to comments from Sen. Byrd Jan 14  
U.S. Department of Energy announces



\$3 billion in funding for carbon capture Feb 8  
Workplace legislation plans laid out in wake of Upper Big Branch Mine tragedy Jul 10  
Amendment would require mine safety reporting to SEC Jun 34  
Senator seeks two year moratorium on federal carbon dioxide regulation: Apr 8

#### **Rodgers, R.**

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#### **Roll magnetic separators**

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#### **Roman, L.**

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#### **Roof bolting**

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#### **Roos, C.J.**

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#### **Rosebud Mining Co.**

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#### **Rosenthal, S.D.**

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#### **Round Mountain Mine**

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#### **Royal Gold**

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#### **Rubin, C.**

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#### **Rudd, Kevin**

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#### **Safety**

Department of Labor documents decrease in nonfatal injuries in mining industry Jan 8  
Huesker introduces new grid for improved safety of roof and rib bolting\* Mar 26  
Labor Department scolds MSHA for failure to enforce oversight Nov 10  
Mine safety bill approved by house panel Sep 8  
Mine safety bill stalls in US Senate Nov 36  
MineARC's refuge chambers win Chinese approval Jun 35  
MSHA launches outreach and enforcement safety program Mar 6  
National Mining Association launches campaign to improve mine safety Jan 8

NMA tells Senate committee that safety is the industry's highest obligation Jun 8

Reducing the fire and explosion hazards of flame-cutting and welding in underground coal mines\* Jun 90  
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#### **Sago Mine accident**

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#### **Salazar, Ken**

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#### **San Francisco Mine**

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#### **San Jose Mine**

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All 33 miners rescued; Multinational effort frees miners after 69 days\* Dec 27

Chilean miners rescued Nov 12

#### **Sandvik**

Sandvik and Gemcom to collaborate on equipment performance and tracking software Sep 41  
Sandvik to supply equipment to Barrick's Pascua-Lama Mine Mar 16  
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#### **Saskatchewan**

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#### **Saudi Arabia**

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#### **Schramm Inc.**

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#### **SEC**

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#### **Shelton, P.**

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#### **Sherrell, I.**

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#### **Shovels**

Caterpillar joins shovel market\* Aug 27

Liebherr's T282 B trucks operating in Brazil\* Jan 40

Newmont's Phoenix Mine rises with the help of Hitachi shovels\* Feb 34

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Portable wheel wash solution introduced by Innovative Equipment Solutions\* Feb 35

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Significant increase in resources at Pebble Project announced\* Mar 8

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#### **Silver Strand**

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#### **Silver, D.B.**

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#### **Singh, M.**

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#### **Slurry**

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#### **SME Tech**

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#### **Smith, A.C.**

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Hitachi purchase part of Wenco Sep 42  
Joy Global adds Optidrive to underground mining equipment Sep 58  
Microwave links connect 24/7 operations for Newmont Mining\* Apr 26  
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#### **Solis, Hilda**

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#### **Solution mining**

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South Africa sticks with target of transferring 26% of ownership Aug 6

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#### **South Dakota**

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#### **Spencer, E.R.**

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#### **Spider Resources**

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#### **Spruce No. 1 Mine**

EPA takes steps to halt coal mine that already has federal permit May 10

Patriot Coal mine gets permit; Arch mine deadline delayed Feb 15

State-run Chinese miner to buy iron ore mine in Brazil\* Jul 26

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#### **Stillwater Mining Co.**

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#### **Tintaya copper mine**

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#### **Tires**

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#### **Tomaino, G.P.**

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#### **Trimble, C.**

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